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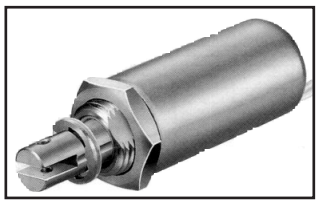
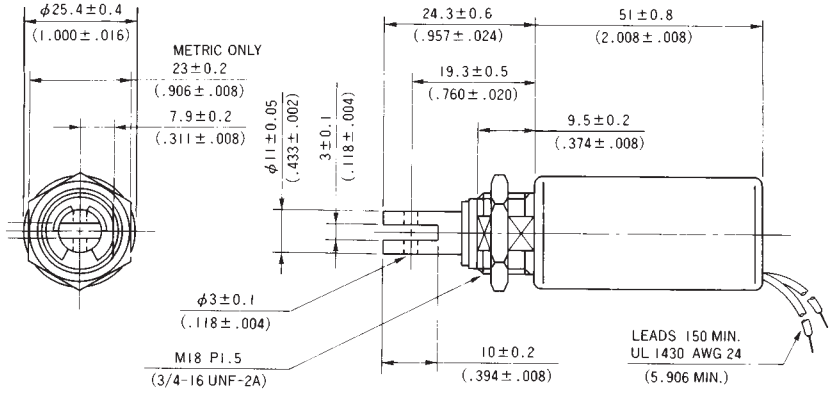
# SIZE250A PULL TUBULAR SOLENOID

UNIT: mm / (inch)

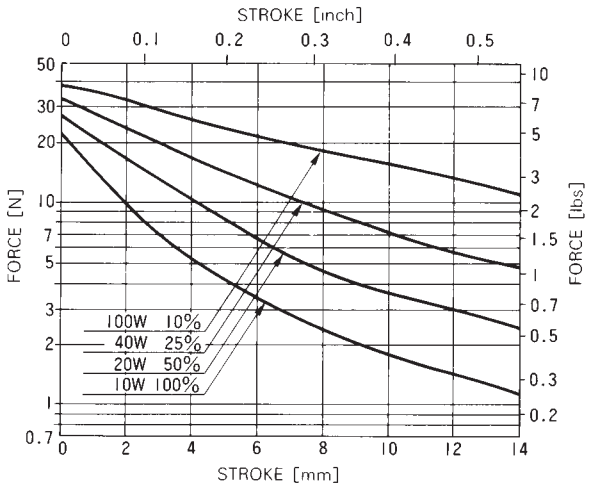
SHOWN ENERGIZED

**Jameco Part Number**
**128557**

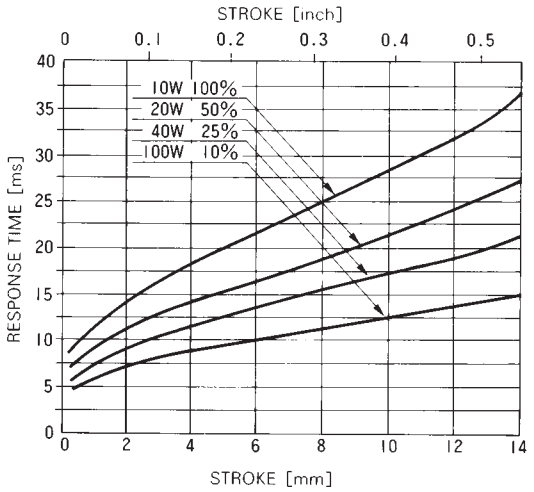





WEIGHT : 180g
PLUNGER : 44g




STROKE – FORCE




STROKE – RESPONSE TIME

## COIL DATA

Heat sink : 100×100×3mm aluminum

| duty cycle = "on" time / ("on" time + "off" time) ×100% | | | 100% continuous | 50% or less | 25% or less | 10% or less |
|---|---|---|---|---|---|---|
| MAX. "on" time in seconds | | | ∞ | 360 | 32 | 8 |
| watts at 20°C | | | 10 | 20 | 40 | 100 |
| ampere-turns at 20°C | | | 1090 | 1541 | 2180 | 3447 |
| AWG. no. | resistance Ω±10%(at 20°C) | no. turns | volts DC | | | |
| 23 | 1.49 | 402 | 4.1 | 5.8 | 8.2 | 13 |
| 24 | 2.87 | 600 | 5.2 | 7.4 | 10.4 | 16.4 |
| 25 | 3.98 | 672 | 6.6 | 9.3 | 13.1 | 21 |
| 26 | 7.06 | 940 | 8.3 | 11.7 | 16.6 | 26 |
| 27 | 9.83 | 1050 | 10.4 | 14.6 | 21 | 33 |
| 28 | 16.9 | 1415 | 13.2 | 18.6 | 26 | 42 |
| 29 | 27.0 | 1820 | 16.4 | 23 | 33 | 52 |
| 30 | 45.0 | 2365 | 21 | 30 | 42 | 66 |
| 31 | 71.6 | 2990 | 26 | 37 | 53 | 84 |
| 32 | 107 | 3660 | 32 | 46 | 65 | 102 |
| 33 | 172 | 4550 | 42 | 59 | 83 | 132 |
| 34 | 265 | 5550 | 53 | 75 | 106 | 167 |
| 35 | 443 | 7310 | 67 | 95 | 134 | 212 |
| 36 | 658 | 8660 | 84 | 119 | 168 | 265 |
| 37 | 1032 | 11000 | 104 | 147 | 207 | 328 |
| 38 | 1535 | 12930 | 131 | 185 | 262 | 415 |

Shindengen America, Inc.